

# Tree Mortality Viewer

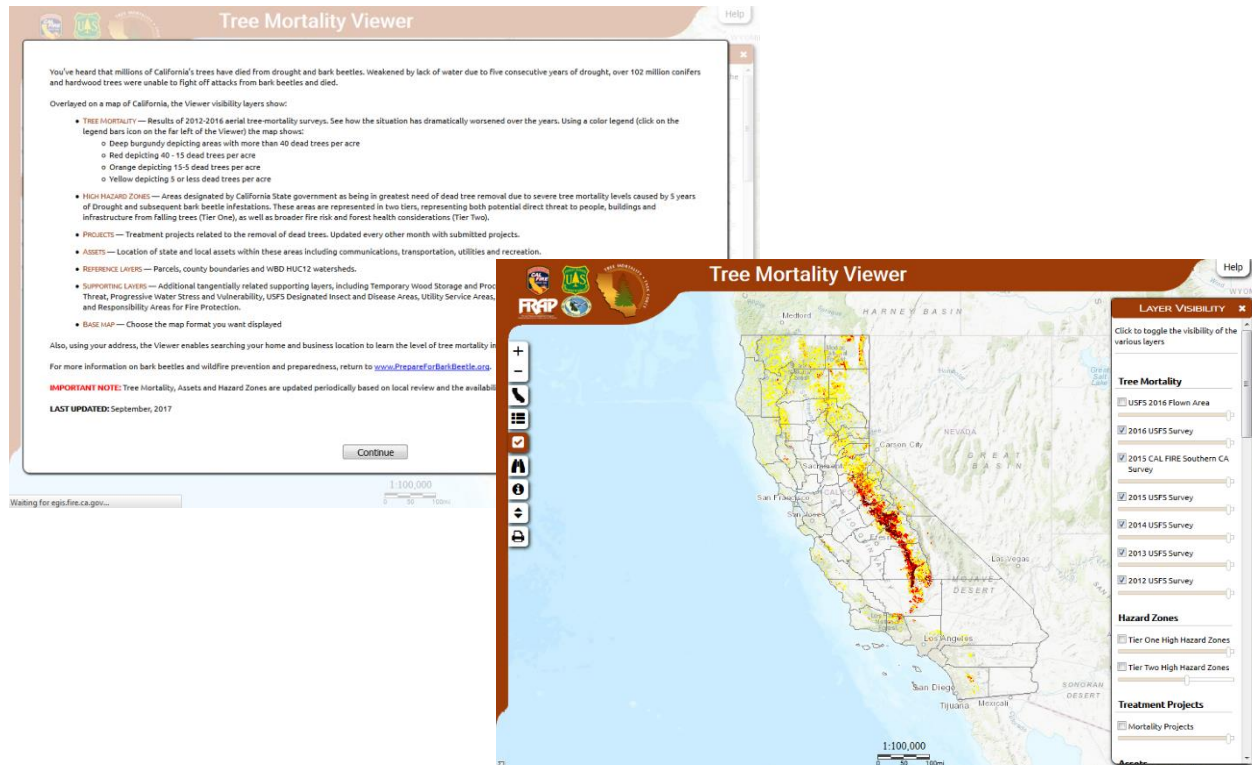
## Guide for Biomass Users

*This Tree Mortality Viewer quick-guide was created for users primarily interested in the Biomass Plants in relation to the Tree Mortality event, but is general enough to be useful for other users as well.*

### Accessing the Viewer

To access the viewer, use a browser to navigate to: <http://egis.fire.ca.gov/TreeMortalityViewer>

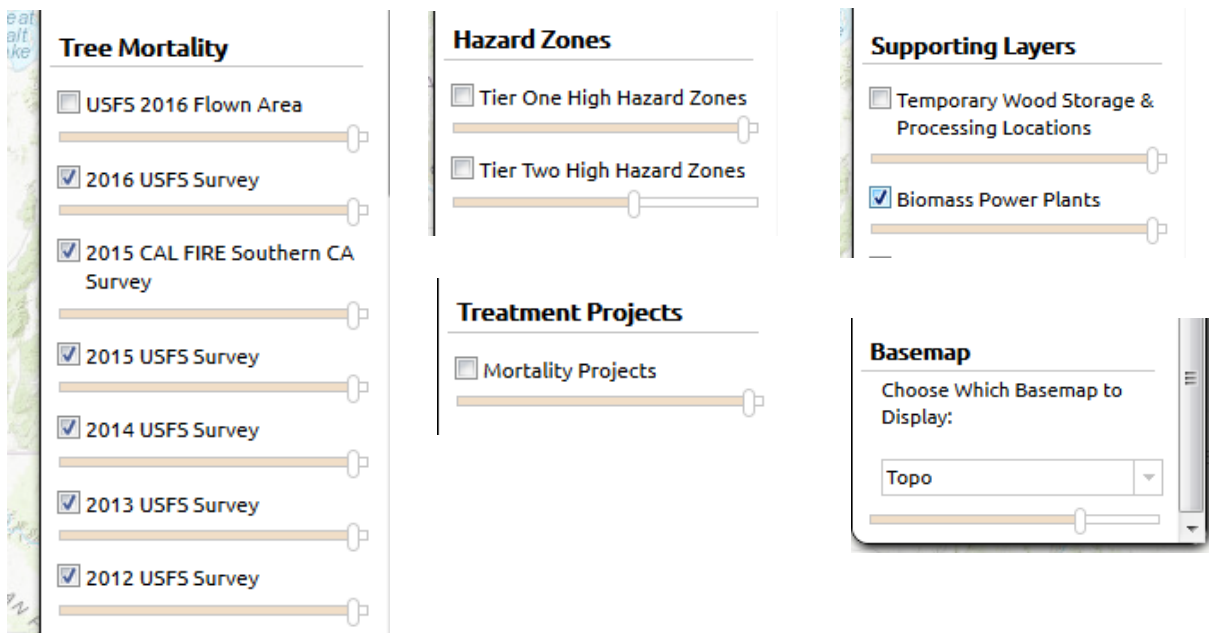
- Click continue to close the splash screen.
- The viewer starts with the Tree Mortality (ADS) showing, and the Layer Visibility panel open.



# Layers

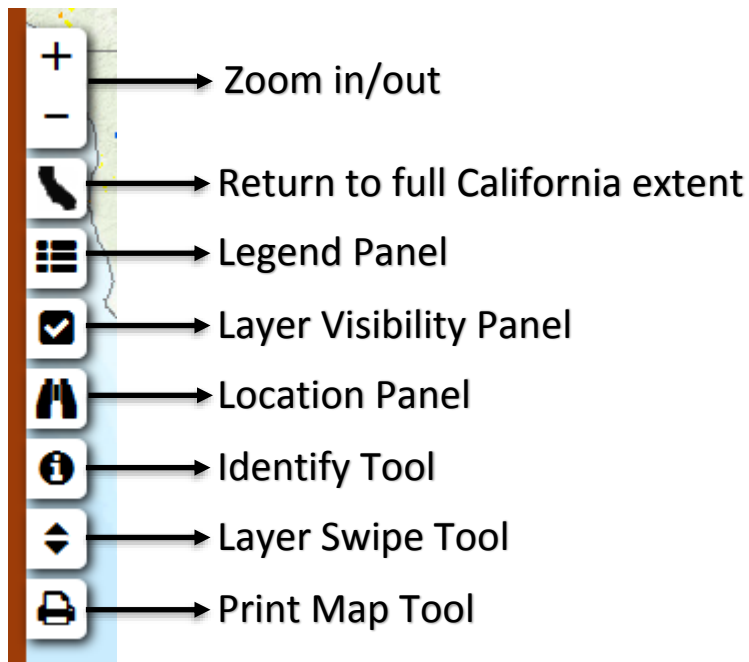
The Layer Visibility panel can be used to toggle layers on and off, and to adjust transparency.

- Tree Mortality (ADS)
  - The Tree Mortality (ADS) data is split into multiple layers by year. To turn it off, you will need to turn them all off. You can see the progression of mortality by starting with just 2012 on, then adding subsequent years
- Biomass Plants
  - The biomass plants layer can be found under the Supporting Layers section. It does not currently have an update cycle, and may be out of date.
- Other layers of interest
  - There are many layers you may be interested in, but some of the most important include Hazard Zones and Treatment Projects. Note that Treatment Projects only include projects that were submitted for inclusion in this layer, and which were marked as publicly viewable.
- Basemaps
  - By default, the viewer uses the Topo basemap, but this can be changed at the bottom of the Layer Visibility panel. You can also adjust the transparency here. By moving the transparency to zero, you can give the appearance of no basemap.



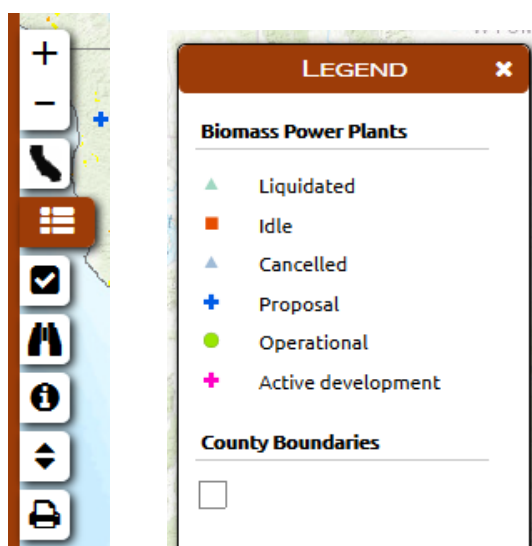
## Tools

The toolbar on the left side of the screen toggles the various tools. The Layer Visibility tool (checkbox), discussed above, is open by default. Click this button to return to the Layer Visibility panel any time.



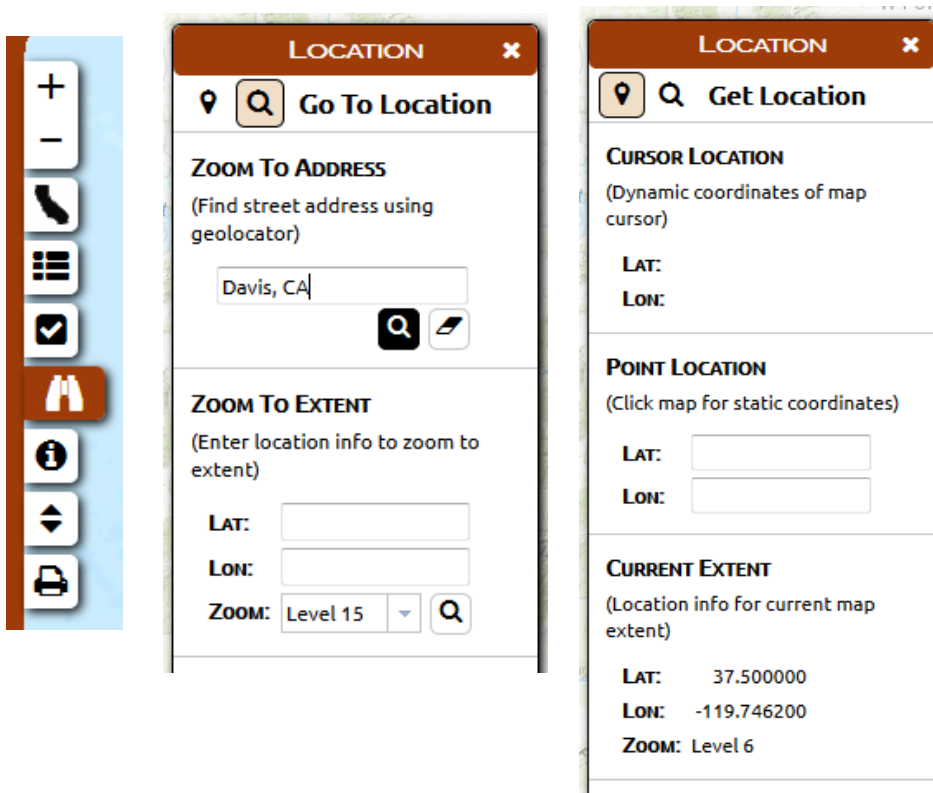
- **LEGEND PANEL**

Use the Legend Panel (List) to view the symbology for any layers that are currently turned on.



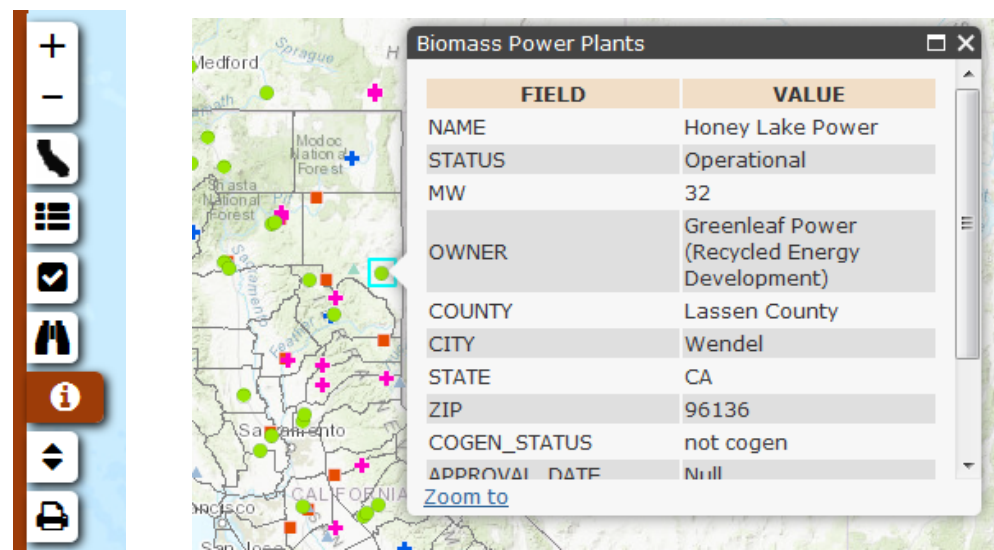
- **LOCATION PANEL**

Use the Location Panel (Binoculars) to zoom to a city, address, or lat/lon (Go To Location tools), or to get the lat lon of your current extent (Get Location tools). Lat Lon are in Decimal Degrees.



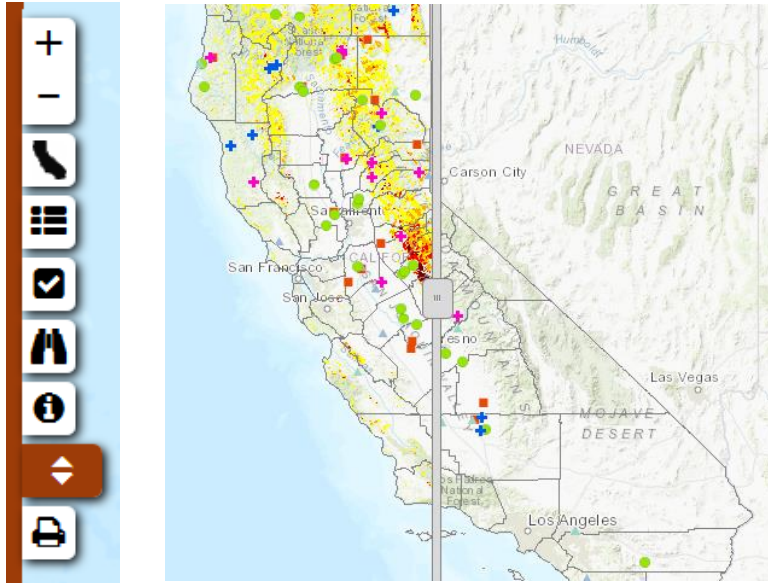
- **IDENTIFY TOOL**

When the Identify Tool (Info symbol) is turned on (colored in the toolbar), you can click features to obtain attribute information about them. Note that not all layers have identification enabled.



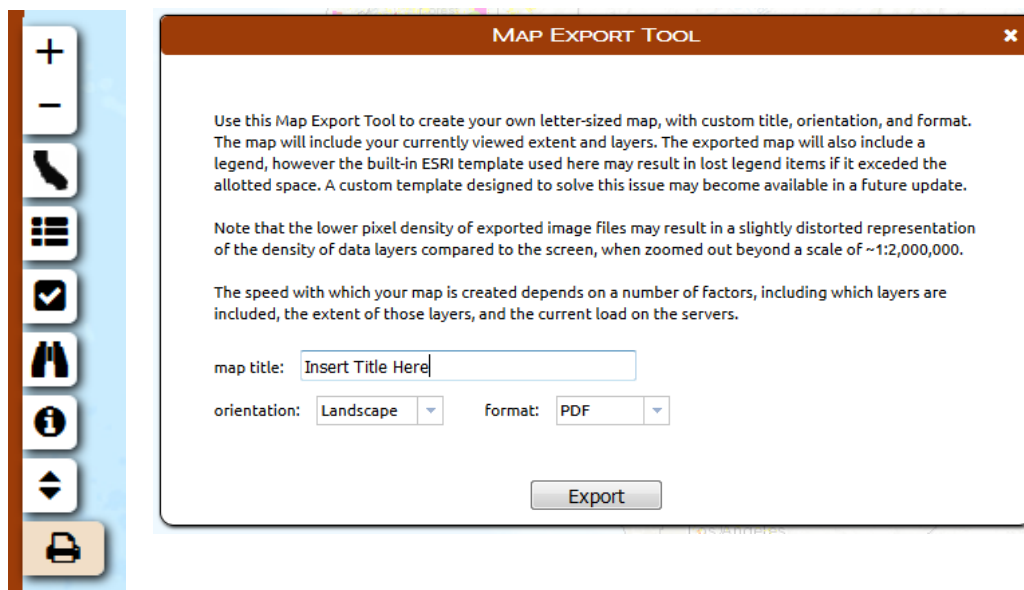
- **SWIPE TOOL**

When the Swipe Tool (double Arrow) is turned on (colored in the toolbar), you can drag swipe select layers on and off on part of the screen (on to the left, off to the right). Note that only select layers (like Tree Mortality) can be swiped.



- **PRINT TOOL**

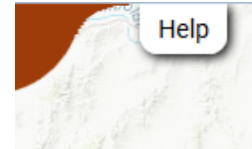
The print tool (Printer) allows you to export an ESRI-default-style map of the current extent and visible layers, with custom title. The map can be landscape or portrait orientation, and can be in jpg or pdf format. In the event that the print server is not working, users can use the screen capture functions on their computer to create a map.



## Help

More information can be found by clicking on the “Help” button on the upper right of the viewer. The help page includes:

- Information about the application (also visible on the splash screen)
- Contact information for technical assistance
- Descriptions of the data layers, and links to the service REST urls.
- Information about navigation in the viewer, and about the various tools.



---

## Workflow Example

The following is an example workflow for users that want to get information about Hazard Tree Removal projects in the vicinity of a particular Biomass Plant.


### **1. OPEN THE VIEWER**

- In your browser, navigate to the Viewer, and click Continue to close the splash screen.

### **2. TURN ON APPROPRIATE LAYERS**



- In the Visibility Panel on the right:
  - Turn off all the Tree Mortality layers
  - Scroll down to Treatment Projects, and turn on the Mortality Projects layer
  - Scroll down to Supporting Layers, and turn on the Biomass Power Plants layer

### **3. NAVIGATE TO YOUR AREA OF INTEREST**

- Either use the zoom buttons or mouse to zoom in to your area of interest....
- Or use the Location Panel:
  - Click the Location button (Binoculars)  on the toolbar to open the Location Panel
  - Use the Zoom To Address tool to zoom to a nearby city or address, or use the Zoom To Extent tool to zoom to a known coordinate. If using coordinates, make sure you use decimal degrees, and that the Lon is negative. Do not include “N” or “W”. Ex:

**LAT:**   
**Lon:**

#### 4. GET INFORMATION ABOUT PROJECTS

- To see what project colors represent what status, click on the Legend button  on the toolbar.
- To get more information about a project, click on the Identify Tool button  on the toolbar, then click on a project. A popup will appear with the project's attribute information.
  - If multiple projects are at that location the popup title will include "(1 of #)", and you can scroll through them using the arrows at the upper right of the popup.

#### 5. CONTACT THE APPROPRIATE ENTITY

- Use the Responsible Entity field from the Mortality Project layer (see above) to figure out with agency to contact.
- Get contact information accordingly:
  - **CAL FIRE or USFS:** check [this form](#),
  - **Caltrans:** contact Lisa Worthington ([lisa.worthington@dot.ca.gov](mailto:lisa.worthington@dot.ca.gov))
  - **PG&E:** contact Matt Plummer ([M3Pu@pge.com](mailto:M3Pu@pge.com))
  - **County:** see the County Contacts list on the following page
- To contact BioRAM facilities, see the fuel buyer contact list on the following page

County Contacts			
County	Task Force Contact	E-mail	Phone
Amador	Sharon Murphy	<a href="mailto:smurphy@amadorgov.org">smurphy@amadorgov.org</a>	(209) 223-6470
Butte	Cindy Dunsmoor	<a href="mailto:CDunsmoor@buttecounty.net">CDunsmoor@buttecounty.net</a>	(530) 538-7373
Calaveras	Sharon Torrence	<a href="mailto:storrence@co.calaveras.ca.us">storrence@co.calaveras.ca.us</a>	(209) 754-6824
El Dorado	Creighton Avila	<a href="mailto:creighton.avila@edcgov.us">creighton.avila@edcgov.us</a>	(530) 621-5153
Fresno	Adan Ortiz	<a href="mailto:AOrtiz@co.fresno.ca.us">AOrtiz@co.fresno.ca.us</a>	(559) 600-4064
Kern	Jeff Gletne	<a href="mailto:jgletne@kerncountyfire.org">jgletne@kerncountyfire.org</a>	(661) 391-7075
Madera	Brittany Dyer	<a href="mailto:Brittany.Dyer@co.madera.ca.gov">Brittany.Dyer@co.madera.ca.gov</a>	(559) 662-6050
Mariposa	Rosemarie Smallcombe	<a href="mailto:rsmallcombe@mariposacounty.org">rsmallcombe@mariposacounty.org</a>	(209) 966-3222
Placer	Adrian Barber	<a href="mailto:ABarber@placer.ca.gov">ABarber@placer.ca.gov</a>	(530) 886-4627
Siskiyou	Elizabeth Nielson	<a href="mailto:enielsen@co.siskiyou.ca.us">enielsen@co.siskiyou.ca.us</a>	(530) 842-8012
Tulare	Nancy Woods	<a href="mailto:TreeMortality@co.tulare.ca.us">TreeMortality@co.tulare.ca.us</a>	(559) 624-7049
Tuolumne	Ethan Billigmeier	<a href="mailto:EBilligmeier@co.tuolumne.ca.us">EBilligmeier@co.tuolumne.ca.us</a>	(209) 533-5652

TREE MORTALITY TASK FORCE BioRAM1 and BioRAM2 FUEL BUYER CONTACTS			
Agency	Contact	Contact Number	Email and/or Address
<b>Burney Forest Power</b>	<b>Tom Hickman</b>	(530) 335-5107 x 104	<a href="mailto:thickman@burneyforestpower.com">thickman@burneyforestpower.com</a>
<b>Wheelabrator Shasta*</b>	<b>Gordon Bauer</b> <i>Fuel Manager</i>	(530) 339 -7626	<a href="mailto:gbauer@wtienergy.com">gbauer@wtienergy.com</a>
<b>Honey Lake</b> <i>(an Affiliate of HL Power Company)</i>	<b>Mark A. Shaffer</b> <i>Fuel Supply Manager</i>	(530) 260-3705 (Mobile) (530) 254-661 (Office)	<a href="mailto:mshaffer@greenleaf-power.com">mshaffer@greenleaf-power.com</a>
<b>Pacific UltraPower</b>	<b>Rick Carter</b> <i>Plant Manager</i>	(209) 948-4660 x 311	<a href="mailto:rcarter@chinesestation.net">rcarter@chinesestation.net</a>
<b>Rio Bravo Fresno</b>	<b>Hector Lara</b> <i>Fuel Manager</i>	(559) 264-4575 x 14	<a href="mailto:hlara@rbfresno.com">hlara@rbfresno.com</a>
	<b>Rick Spurlock</b> <i>Plant Manager</i>	(559) 264-4575 x 12	<a href="mailto:rspurlock@rbfresno.com">rspurlock@rbfresno.com</a>
<b>Rio Bravo Rocklin</b>	<b>Eric Olsen</b> <i>Fuel Manager</i>	(916) 645-3383 x 115 (Office) (916) 751-6276 (Cell)	<a href="mailto:eolsen@rbrocklin.com">eolsen@rbrocklin.com</a>
	<b>Chris Quijano</b> <i>Plant Manager</i>	(916) 645-3383 x 112	<a href="mailto:cquijano@rbrocklin.com">cquijano@rbrocklin.com</a>

\*BioRAM 2 contract